



MCB CAMP BUTLER EMS CORE TEAM MEETING

17 January 2013

Environmental Compliance Evaluation (ECE)

- **FY13 Benchmark ECE – MCB Butler, MCAS Futenma**
 - Conducted by MCICOM on a 3-year cycle
 - Dates: 23 Jan – 8 Feb 2013
 - Will inspect all camps and training areas
 - Process:
 - Review documentation
 - Interview personnel
 - Conduct field/site visits
 - Scope: Covers all programs, air, water, emergency response, HM, HW, EMS, etc

Common Unit-Level Deficiencies

- **HAZMAT deficiencies**
 - No labels on containers
 - MSDSs don't match HAZMAT being used
- **Hazardous waste (HW) deficiencies**
 - Open containers of HW
 - No secondary containment for liquid HW
 - Unknown HW in containers
 - Containers were not in good condition

Common Unit-Level Deficiencies

- **Solid waste deficiencies**
 - Recyclables mixed with trash
 - Waste batteries mixed with trash
- **Environmental Policy Statement not communicated**
 - Post policies on employee boards

MCIPAC/MCB CAMP BUTLER CEMRB

- Commander's Environmental Management Review Board (CEMRB) met on 4 Dec 2012
- Annual senior management review of EMS
 - CATC Camp Fuji, MCB Hawaii, and Camp Mujuk participated via VTC
 - Iwakuni was unable to attend due to technical difficulties
- MCIPAC Policy statement was reviewed and no updates were recommended or required.
- Proposed FY13 objectives and targets were approved and published

FY13 EMS Objectives & Targets

Objective	Target
1. Reduce the impact of solid waste generation	1. Divert 60% of non-hazardous solid waste from the waste stream in FY13 2. Divert 60% of construction and demolition debris from the waste stream by FY15 (FY13 Target: 56%)
2. Reduce electricity use in buildings	Reduce energy intensity of facilities by 37.5% by FY20 using FY03 as baseline (FY13 Target: 3% reduction from FY12)
3. Reduce vehicle air emissions and fuel consumption	Reduce use of petroleum products by vehicle fleets by 30% by FY20 using 2005 as baseline (FY13 Target: 3% from FY12)
4. Reduce hazardous material usage and hazardous waste disposal	Implement Hawker battery reuse program

Environmental Action Plan

EAP-1: Solid Waste Diversion

- Glass Recycling
- Barracks Recycling SOP
- Clear Bags
- Segregation of Recyclables

Environmental Action Plan

EAP-2: Construction & Demo Debris Diversion

- Coordinate with contracting agencies (*ROICC and Army Corps of Engineer*)
- Develop C&D waste management team/practices

Environmental Action Plan

EAP-3: Reduce Facilities Energy Intensity

FY12 ENERGY ACTION PLAN (EAP)				
Energy Action Plan-3, Reduce Facilities Energy Intensity				
Objective: Reduce Electricity Use Across MCIPAC				
Target: Reduce energy intensity by 37.5% by FY20 using FY03 as baseline				
Performance Measure(s): At least 18.3% of energy consumed by facilities is produced or procured from renewable sources by FY2020				
Practice: Building operation				
Aspect: Electricity Use				
Impact: Electricity Consumption				
Point of Contact: (b) (6)				
Plan of Action	Responsibility/POC	Current Status	Estimated Completion Date	
Outline and document Energy Project Development Process for optimized implementation of energy projects	Energy Manager	Complete	Dec 2011	
Identify street lights and parking lights that can be either de-lamped or re-lamped with high efficiency lighting	Energy Manager	Ongoing	Feb 2013	
Installation of 20 kW photovoltaic panels (bldg 464 and 1002)	Energy Manager	Ongoing	Sept 2012	
Execute A/C shutdown policy from December - March	Energy Manager	Ongoing	Mar 2013	
LEED Training	Public Works Officer	Complete	Mar 2012	
ASHRAE 189.1 High Performance Building and Net Zero Design Training	Energy Manager	Complete	Apr 2012	
Humidity Controls Training from Mason Grant Consulting	Energy Manager	Complete	Apr 2012	
Exchange all incandescent light bulbs with compact fluorescent light bulbs in all barracks facilities	Energy Manager	Complete	May 2012	
Exchange all 60 watt light bulbs with LED replacements in two barracks facilities	Energy Manager	Complete	May 2012	
Identify facilities for immediate survey and project development for low cost/no cost energy conservation measures	Energy Manager	Ongoing	Dec 2012	
Develop energy conservation measures (ECMs) for targeted facilities based on 1) effectiveness for impacting energy use, and 2) applicability to multiple buildings, and submit work requests for implementation	Energy Manager	Ongoing	Sept 2013	
Installation of 11 kW wind turbine Camp Foster	Energy Manager	Ongoing	Mar 2013	
Implement Energy Enterprise Management (EEM) Application for	Energy Manager	Ongoing	Jan 2013	
energy monitoring capabilities				
Commission Advanced Metering Infrastructure (AMI) MCB Butler	Energy Manager	Ongoing	Jan 2013	
Project development for heat shielding film and blinds for various facilities	Energy Manager	Ongoing	Mar 2013	
Implement scope for the replacement of 50 inefficient transformers with high efficient transformers	Energy Manager	Ongoing	Sept 2013	
Project Development for ECIP: 50 meter pool renovation and renewable energy implementation	Energy Manager	Cancelled		
Aggressive Energy Awareness Campaign through OkiNews and marquee advertisements	Energy Manager	Ongoing	Sept 2013	
Energy Awareness Training/Presentations targeting: - New Join Marines (weekly) - New Comer's Orientation (weekly) - Camp Commanders (quarterly) - Billeting Managers - Barracks Managers	Energy Manager	Ongoing	Sept 2013	
Replace 22 chillers with Turbocor technologies for more efficient energy operations	Energy Manager	Ongoing	May 2013	
Advanced Metering Infrastructure (AMI) installation CATC Camp Fuji	Facilities Maintenance Department Camp Fuji	Ongoing	Sept 2013	
Feasibility Study for Waste to Energy implementation	Energy Manager	Not Started	Sept 2013	
Resource Efficiency Managers (REM) Program Implementation	Energy Manager	Ongoing	Sept 2013	

Environmental Action Plan

EAP-4 Vehicle Fuel Consumption Reduction

FY13 ENVIRONMENTAL ACTION PLAN (EAP)			
EAP-4 Vehicle Fuel Consumption Reduction			
Objective: Reduce vehicle fuel consumption and air emissions.			
Target: Reduce use of petroleum products by vehicle fleets by 30% by FY20 using 2005 as baseline (FY13 Target: 3% from FY12).			
Performance Measure(s):			
Practice: Vehicle operations			
Aspect: Fuel use and Air emissions			
Impact: Fuel consumption and Air quality degradation			
FY13 Risk Ranking: 26			
Point of Contact (b) (6)			
Plan of Action	Responsibility/POC	Status	Completion Date
Enact system wide improvements/changes to The Green Line bus service. Projected annual fuel reduction 18,308,464 gallons	Fleet Manager / GME Operations Officer	Start date 1 March 2013	28 Feb 2014
Continue to enforce the Anti- Idling Policy (GME SOP MCBJO 11240.5)	Motor T Chief / Operations Chief	Ongoing	Continuous
Continue to enforce Official Use.	Motor T Chief / Operations Chief		
Continue to reduce the number of fossil fuel vehicles through Right Sizing the Fleet	Procurement Chief	Ongoing	Continuous
Continue to promote Green Line bus service.	Operations Officer	Ongoing	Continuous
Continue to monitor GME in service vehicles (Road Master Checkpoints – utilization) Addressing Idling and Unofficial Use	Motor T Chief / Operations Chief	Ongoing	Continuous
Continue to redesign Quality Control Program (Implementation of QC Stations & QC Satellites through Okinawa & CATC Fuji)	Operations Chief / Chief Dispatcher	Ongoing	Continuous
Continue to utilize technology to maintain records and provide cost effective information to GME users / customers	Procurement Chief	In Progress DON Fuel Automated System monitoring individual vehicle fuel use. Electronic Data records on consumption. Home - Drive Green	Continuous
Continue to procure fuel efficient vehicles such as Hybrids including passenger buses.	Procurement Chief	Ongoing	Continuous
Continue with expansion plans for Electric Vehicles (zero fuel/zero carbon)	Procurement Chief	Ongoing	Continuous



EAP-5 Reduce HAZMAT usage and HAZWASTE disposal



Implement Hawker Battery Reuse Program

- Review FY12 data on procurement and disposal
- Which MSCs will benefit ?
- Pulse technology conditioning system & placement/training.
 - Unit level or HAZMIN center operations....benefits?
 - Stock stays at unit level vs. Reuse procurement.
 - Market cost for batteries range \$337.82 (DLA)
NSN 6140-01-4851472



ENCLOSURE (1)

Document Update

- **Completed this quarter:**

- EMP 1.2.1 Desktop Procedure for Turnover Folders
- EMP 13.3 Protected Species in CTA and JWTC Vol. 1
- EMP 13.3.1 Protected Species in CTA and JWTC Vol. 2
- EMSP 11.3 Reportable Spill Roster ver 6
- EMSP 11.10 9-1-1 Hazmat Spill Response Form ver 9 (EN) and (JN)
- EMP 13.6 Common Poisonous Plants on Okinawa ver 2
- EMSP 9.7 EMS Pamphlet ver 4
- MCIPACO 5090.2 MCIPAC QUALIFIED RECYCLING PROGRAM (QRP)
- MCIPACO 5090.3 INTEGRATED NATURAL RESOURCES AND CULTURAL RESOURCES MANAGEMENT PLANS
- MCIPACO 5090.1 ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)
- EMSP 4.1.1 Risk Ranking FY13 ver 8
- EMP 7.2 Festivals and Unit Functions SOP ver 4
- EMP 14.1.1 PCB Spill Response Notification Procedures ver 2
- EMP 14.1.1 PCB Spill Response Notification Procedures ver 2 (JN)
- EMP 18.5 Camp Kinser SPCC Plan Change 2
- EMP 1.3.1 Env App Ltr ver 4
- EMP 1.6.1 Site Approval PEIR Form Routing SOP
- EMP 1.5 Negative Decision Template (letterhead)
- EMSP 9.3.1 One Day ECC Ver 6

Document Update

- **Currently being updated:**
 - EMSP-09.11.9 ECC Agenda (Japanese)
 - EMSP 11.1.10 ENV Emergency Response Supplies and Equipment
 - EMP-13.1 Env Pocket Guide for Marine in Field
 - EMP 14.4 PCB Elimination Plan
- **Cancelled this quarter:**
 - EMP 7.7.1 Recyclables Pick-up Guidelines (EN_JN)
- **Emergency Response Plans still in draft:**
 - MCIPAC Order Spill Prevention & Response Plan
 - MCB Butler Spill Prevention & Response Plan
 - Site Specific Spill Plans
 - SPCC Plans
 - Tsunami SOP

Conclusion

- Upcoming events:
 - Benchmark ECE – 23 Jan – 8 Feb 2013
 - Next Core Team meeting – April, 2013
- Will send minutes to all
- Please brief your chain of command

Thank you!